

# Roshun Paurobally

## List of Publications by Year in descending order

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21  
papers

759  
citations

840776

11  
h-index

839539

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

754  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of chatter vibration research in turning. International Journal of Machine Tools and Manufacture, 2012, 61, 27-47.	13.4	356
2	A review of flank wear prediction methods for tool condition monitoring in a turning process. International Journal of Advanced Manufacturing Technology, 2013, 65, 371-393.	3.0	224
3	Improving active control of fan noise with automatic spectral reshaping for reference signal. Applied Acoustics, 2015, 87, 142-152.	3.3	18
4	Chatter stability prediction for a flexible tool-workpiece system in a turning process. International Journal of Advanced Manufacturing Technology, 2017, 92, 881-896.	3.0	17
5	An experimental study of the acoustic impedance characteristics of human hair. Journal of the Acoustical Society of America, 2007, 122, 2107-2117.	1.1	14
6	The effect of hair on auditory localization cues. Journal of the Acoustical Society of America, 2007, 122, 3586-3597.	1.1	13
7	The effect of impedance on interaural azimuth cues derived from a spherical head model. Journal of the Acoustical Society of America, 2007, 121, 2217-2226.	1.1	13
8	The mechanisms of passive ear defenders. Applied Acoustics, 2000, 60, 293-311.	3.3	12
9	Active Noise Control in Workplaces. Acoustics Australia, 2016, 44, 45-50.	2.4	12
10	Modelling and simulation of active noise control in a small room. JVC/Journal of Vibration and Control, 2018, 24, 607-618.	2.6	12
11	Hybrid active and passive control of fan noise. Applied Acoustics, 2003, 64, 885-901.	3.3	11
12	A study of the effects of friction on flank wear and the role of friction in tool wear monitoring. Australian Journal of Mechanical Engineering, 2012, 10, 141-156.	2.1	11
13	The Effect of Prestress on Vibration Behavior of Structures in Impedance Method Damage Detection. Advanced Materials Research, 2008, 41-42, 401-406.	0.3	9
14	A Review of the Effect of Reflective Surfaces on Power Output of Sound Sources and on Actively Created Quiet Zones. Acta Acustica United With Acustica, 2015, 101, 877-891.	0.8	9
15	Acoustic scattering by a sphere with a hemispherically split boundary condition. Journal of the Acoustical Society of America, 2007, 122, 46-57.	1.1	8
16	Wave Scattering and Power Flow in Straight-Helical-Straight Waveguide Structure. International Journal of Applied Mechanics, 2019, 11, 1950075.	2.2	8
17	Robust Damage Metric in Terms of Magnitude and Phase for Impedance-based Structural Health Monitoring. Structural Health Monitoring, 2009, 8, 303-311.	7.5	7
18	Chatter stability and tool wear predictions in the presence of chatter vibrations for orthogonal turning process. Australian Journal of Mechanical Engineering, 2013, 11, 67-82.	2.1	5

#	ARTICLE	IF	CITATIONS
19	Development of Active Acoustic Noise Cancellation Using the Professional Audio Development Kit (PADK) Featuring the TMS 320C6727 DSP. Lecture Notes in Electrical Engineering, 2017, , 220-229.	0.4	0
20	The Electromechanical Impedance Method and its Application for Paint Coating Damage Detection. , 2012, , 567-580.		0
21	Modelling Wave Behaviour of Elastic Helical Waveguides. Lecture Notes in Mechanical Engineering, 2021, , 925-940.	0.4	0